

BARBER - M24 0173893

G 667 7042

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0173893 M2400173932

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



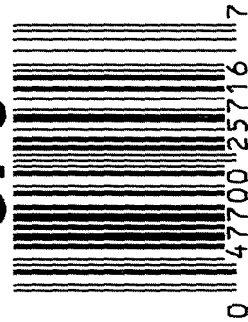
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6677042

UPC



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



SERIAL NO.



M-24
BARBER - M24 0173896 INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6677042

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8/10/07	SPD
420	ASSEMBLE ACTION		8-6-07	SD
430	ASSEMBLE TO STOCK		8/7/07	non
440	PROOF	MAGNA - FLUX	8/7/07	non
460	CHECK HEADSPACE	AUG 15 2007	8/7/07	non
470	DIS-ASSEMBLE ACTION		8-9-07	SD
480	MAGNAFLUX BBL ACTION	OPERATOR <u>SPD</u>	8/13/07	SPD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8/13-07	CW
510	DRILL AND TAP SIGHT HOLES		8-13-07	TRW
520	GOFF BLAST BBL / REC		8/13/07	Q
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/17/07	RB
560	RE-ASSEMBLE ACTION		8-21-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-21-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-21-07	SD
	D) OIL FIRING PIN ASSEMBLY		8/23/07	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
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BARBER - M24 0173896 73935

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>4.5</u> <u>4.6</u> <u>4.2</u>	8/27/07	RP
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.2</u> <u>4.0</u> <u>4.0</u>	8/27/07	RP
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>.023</u>	8/27/07	RP
	J) ASSEMBLE STOCK		8/23/07	A.P.D.
	K) ASSEMBLE SWIVEL STUDS		8/27/07 RP	RP
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-4-07	RTZ
	M) IRON SIGHT ALIGNMENT		9-4-07	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-4-07	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	8-25-07	TRW
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		8-25-07	FM
670	FINAL INSPECTION A) HEADSPACE		9-4-07	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.53</u> <u>2.55</u> <u>2.47</u> <u>2.33</u> <u>2.52</u>	8/27/07	RP
	C) FUNCTION			
690	PACK		9-4-07	DA

F004 REV 5/2006

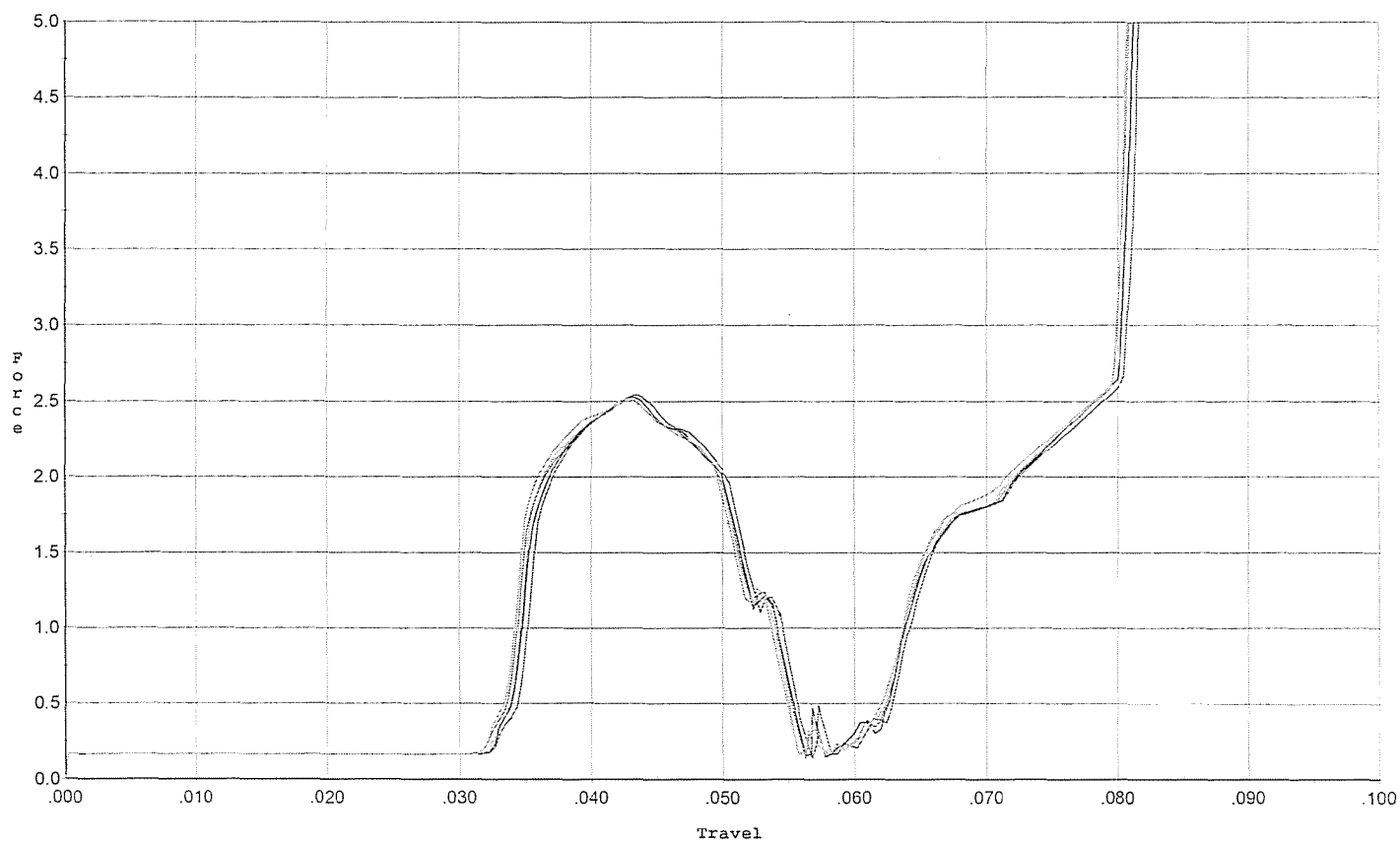
CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~042400~~ 173936

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 8/13/07

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



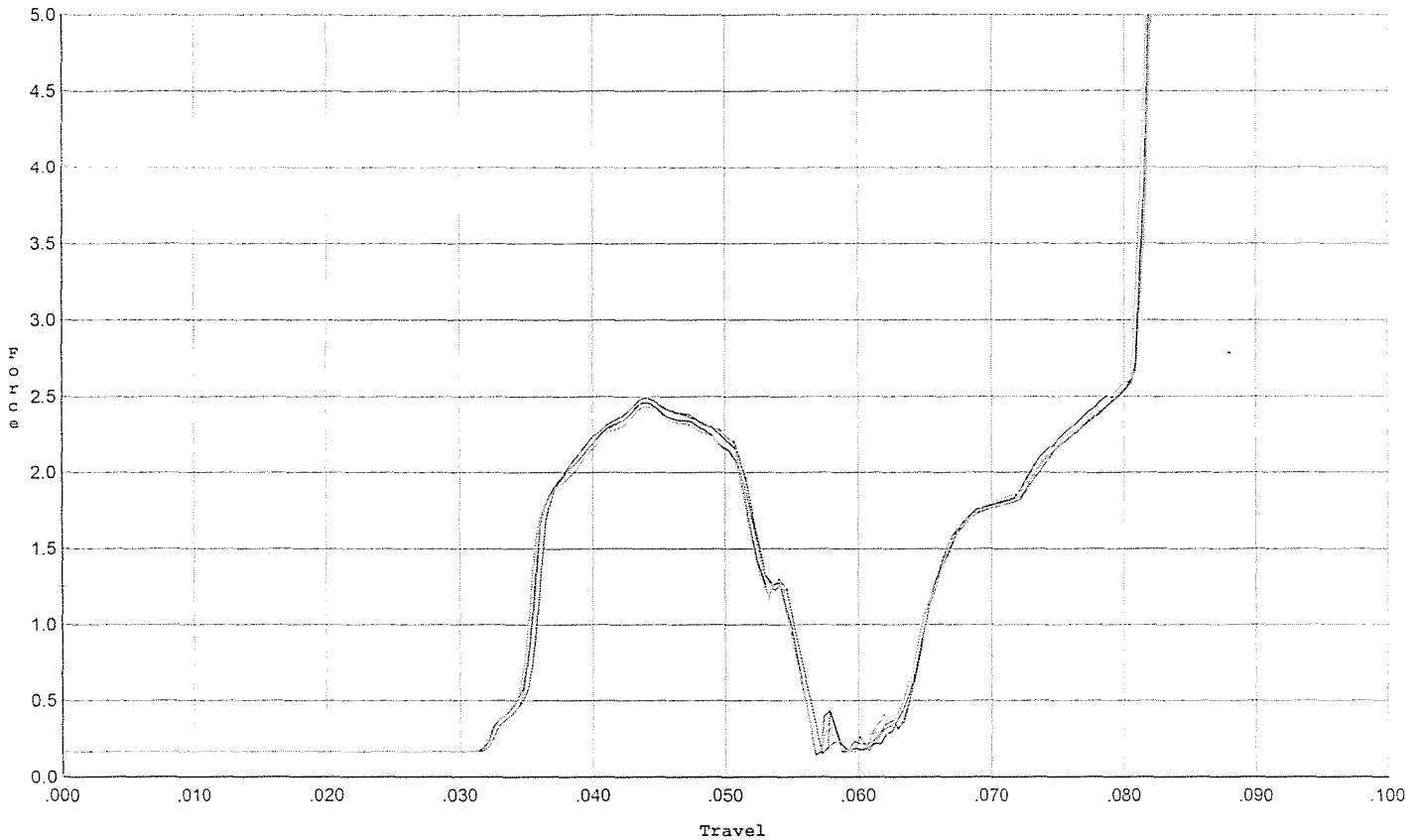
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.539	0.054	0.033	0.035	0.046		Set Trigger
2	2.532	0.054	0.033	0.034	0.046		Set Trigger
3	2.514	0.054	0.032	0.034	0.046		Set Trigger
4	2.522	0.054	0.033	0.034	0.046		Set Trigger
5	2.516	0.050	0.032	0.035	0.043		Set Trigger

AVG 2.52

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 8/13/07

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



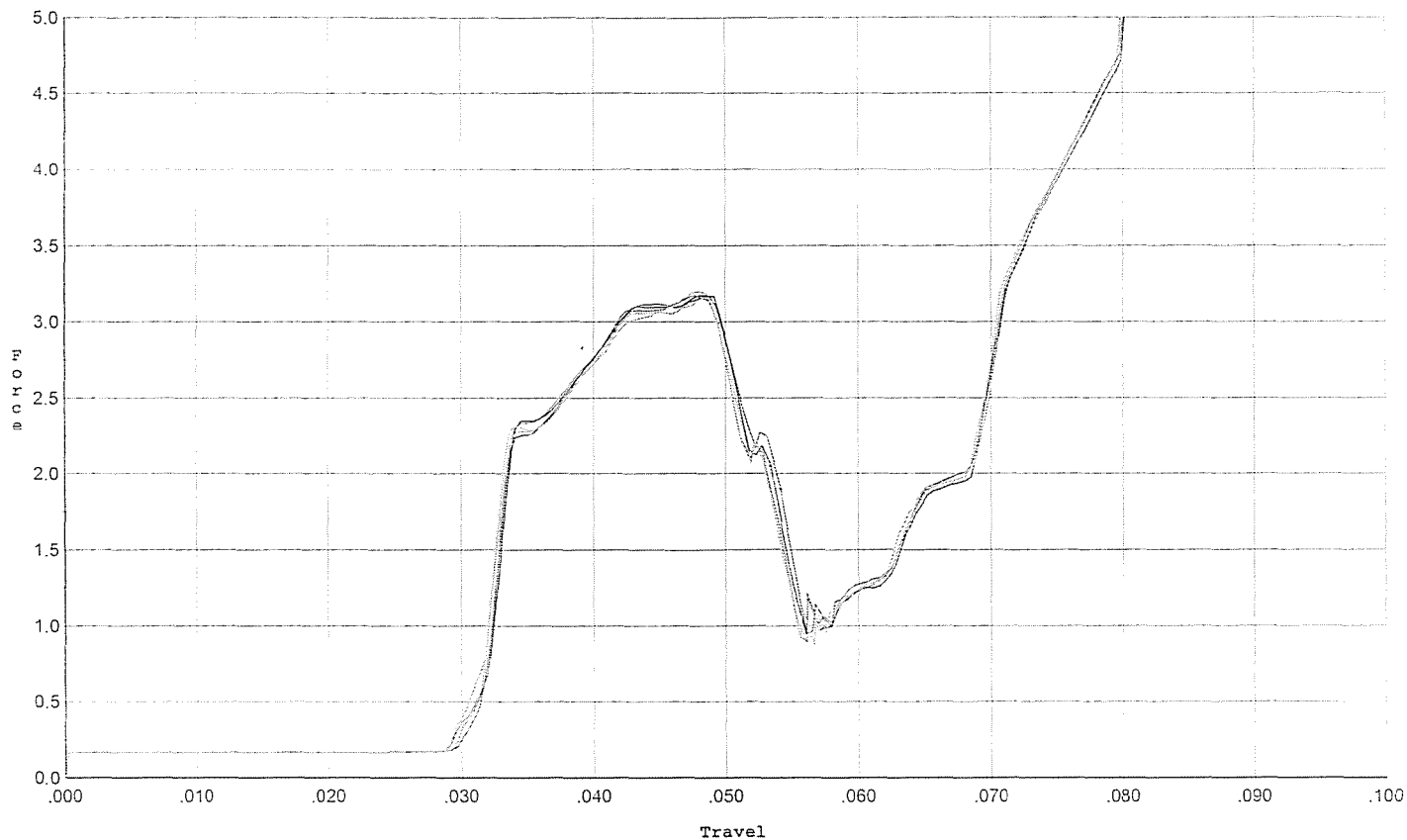
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.487	0.055	0.033	0.034	0.046		Set Trigger
2	2.458	0.055	0.033	0.034	0.046		Set Trigger
3	2.480	0.052	0.033	0.036	0.043		Set Trigger
4	2.433	0.051	0.032	0.036	0.042		Set Trigger
5	2.477	0.055	0.032	0.034	0.047		Set Trigger

AVG 2.46

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R.Putch 8/13/07

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs. ini. +/- .75 lbs.



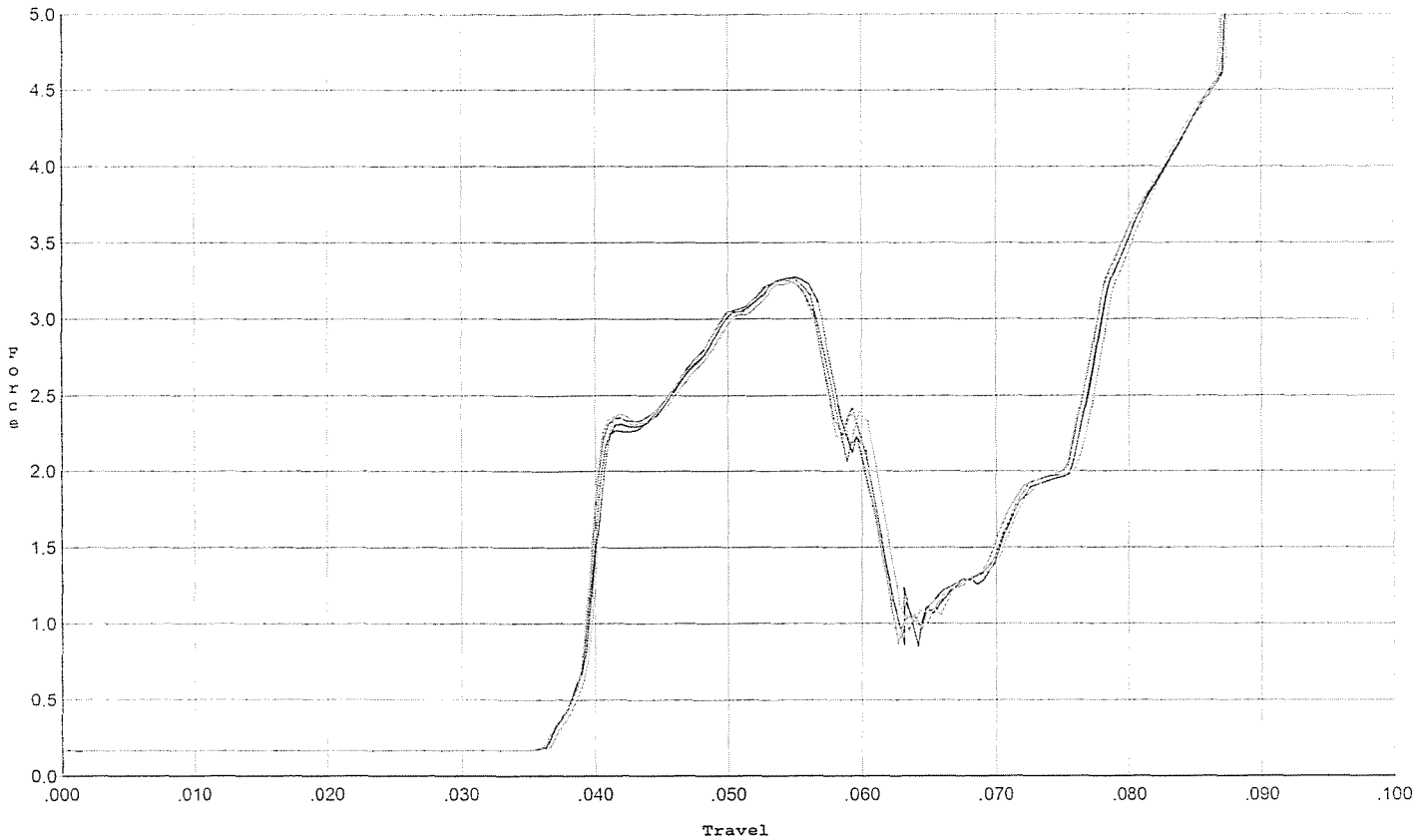
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.184	0.054	0.030	0.032	0.064		Set Trigger
2	3.177	0.053	0.030	0.032	0.062		Set Trigger
3	3.179	0.049	0.030	0.033	0.056		Set Trigger
4	3.165	0.054	0.030	0.032	0.062		Set Trigger
5	3.200	0.049	0.029	0.033	0.056		Set Trigger

Avg 3.18

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 8/13/07

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



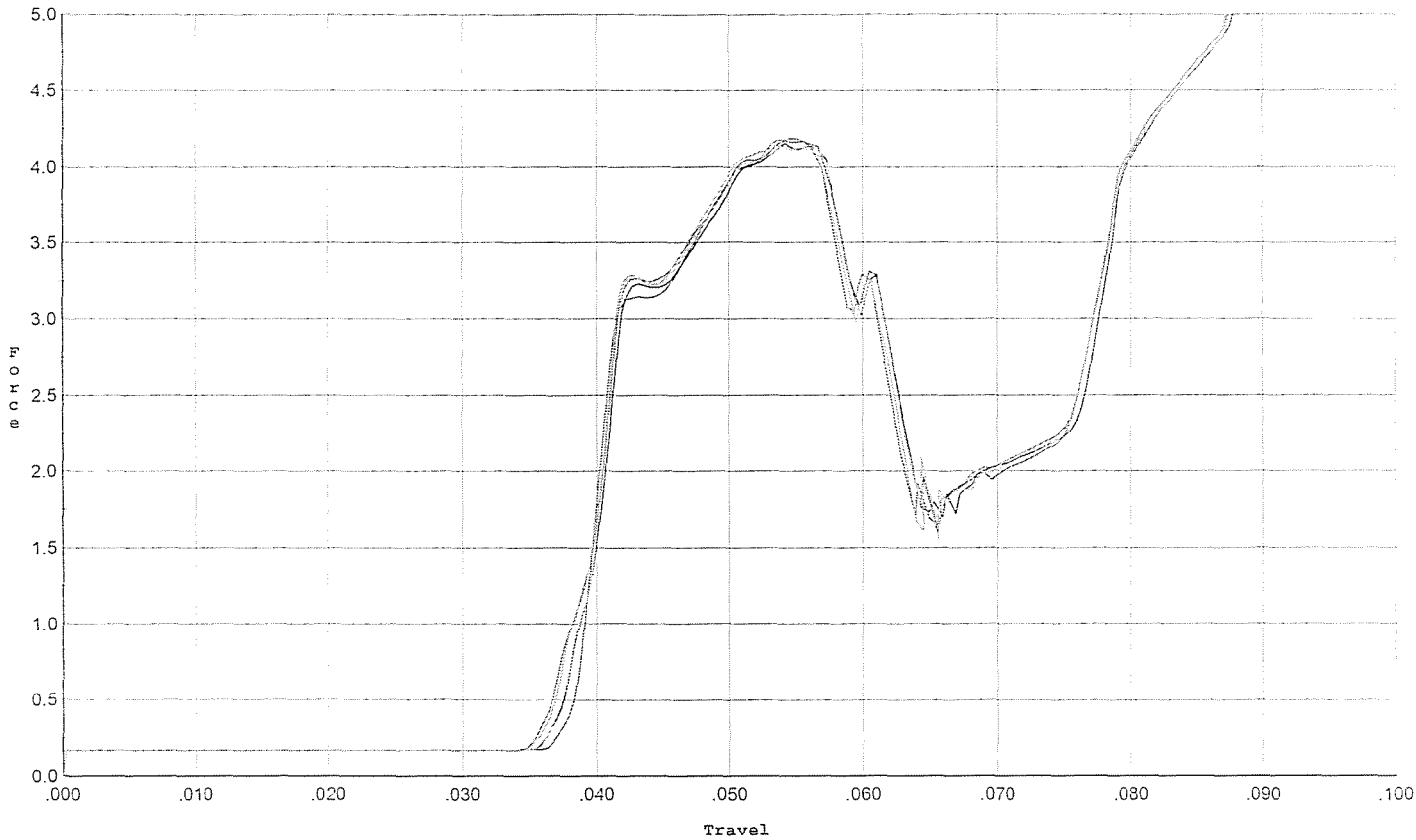
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.272	0.061	0.037	0.033	0.064		Set Trigger
2	3.277	0.060	0.037	0.033	0.063		Set Trigger
3	3.251	0.060	0.037	0.033	0.064		Set Trigger
4	3.263	0.060	0.037	0.033	0.064		Set Trigger
5	3.250	0.060	0.037	0.033	0.064		Set Trigger

Avg 3.26

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 8/13/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



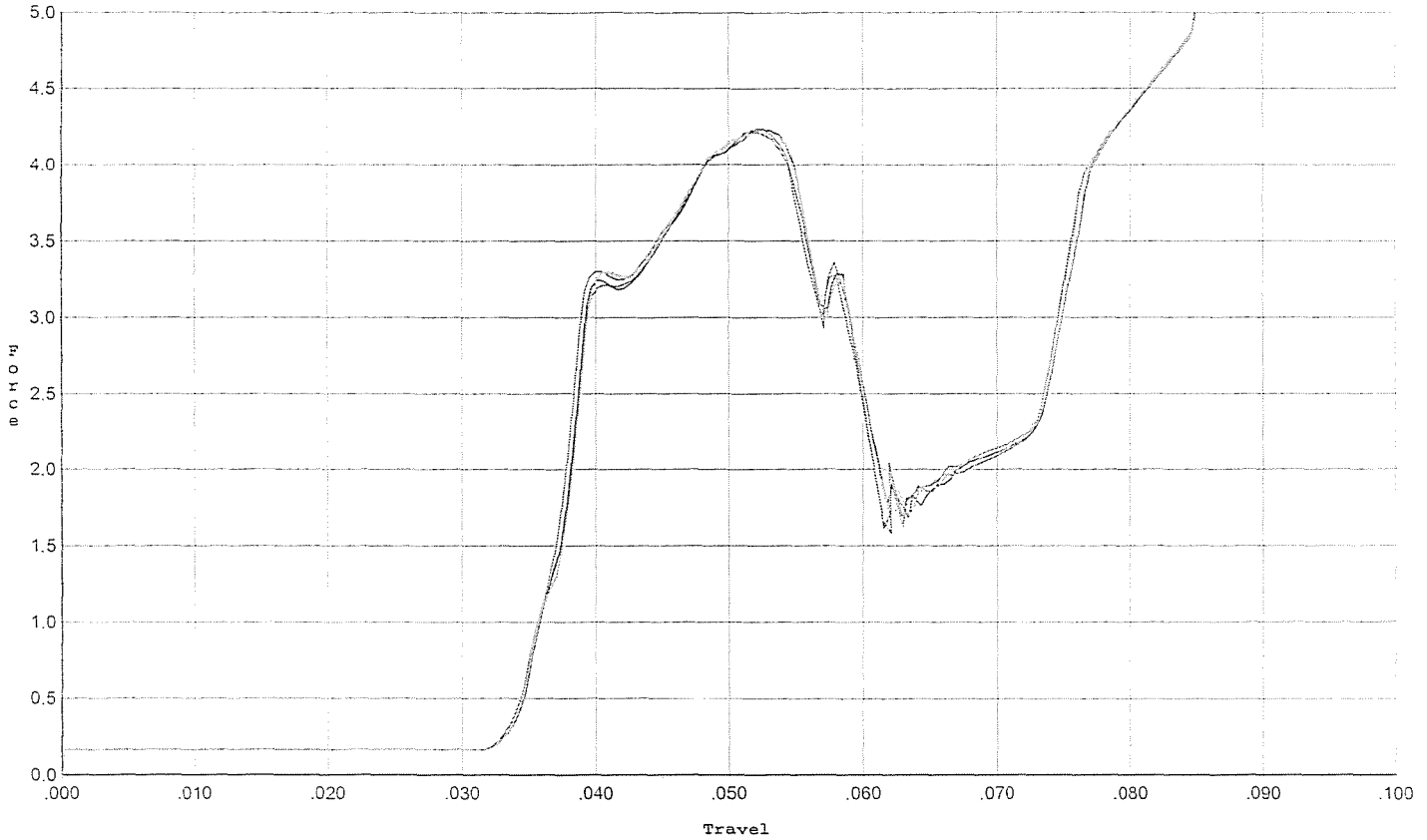
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.170	0.061	0.038	0.031	0.085		Set Trigger
2	4.153	0.061	0.037	0.031	0.085		Set Trigger
3	4.185	0.061	0.036	0.031	0.085		Set Trigger
4	4.138	0.061	0.037	0.031	0.086		Set Trigger
5	4.142	0.062	0.036	0.031	0.088		Set Trigger

AVG 4.15

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 8/13/07

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



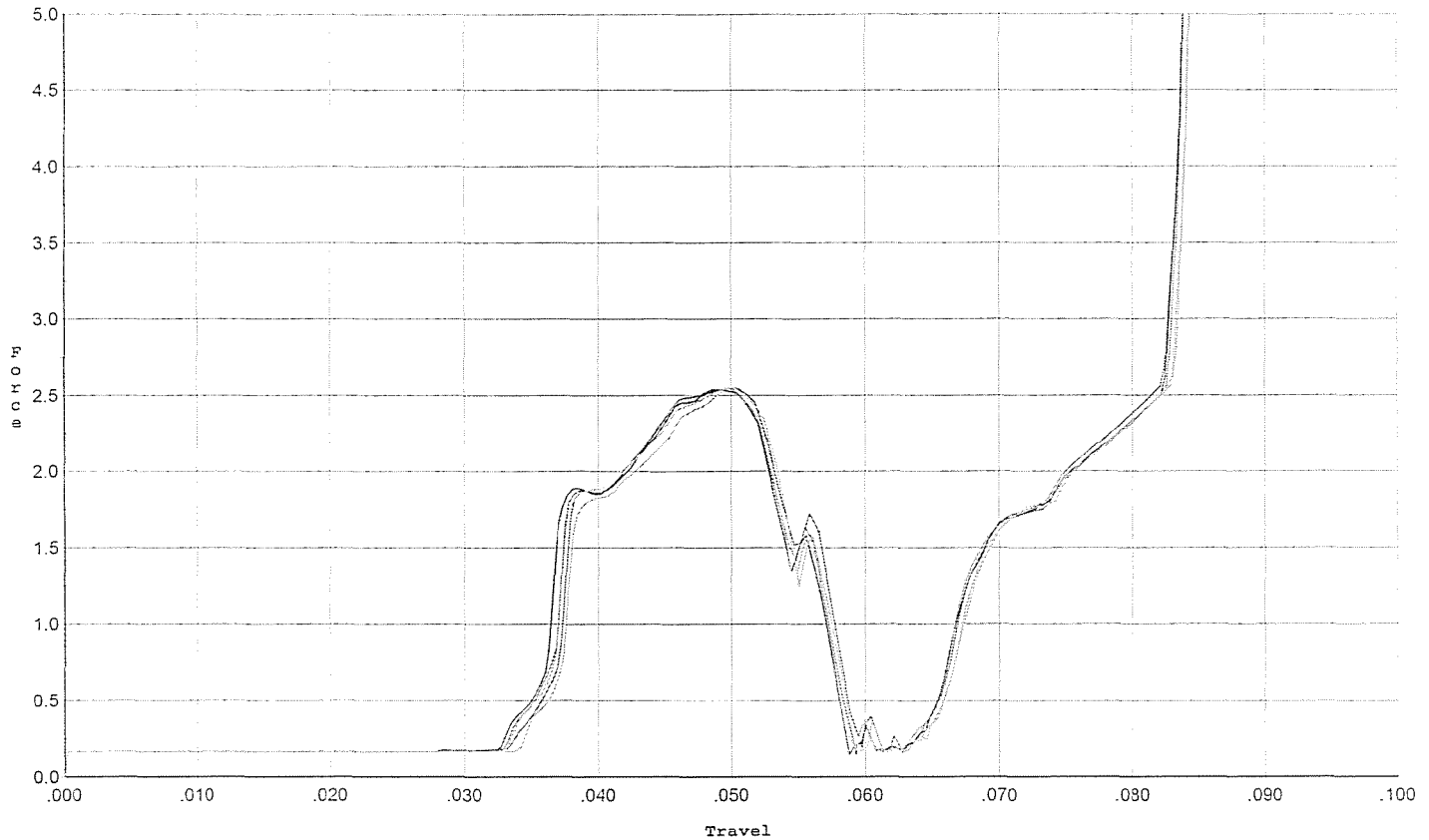
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.236	0.059	0.034	0.031	0.086		Set Trigger
2	4.226	0.059	0.034	0.031	0.086		Set Trigger
3	4.215	0.059	0.034	0.031	0.087		Set Trigger
4	4.234	0.055	0.034	0.033	0.076		Set Trigger
5	4.210	0.059	0.034	0.031	0.086		Set Trigger

AVG 4.22

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 8/13/07

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



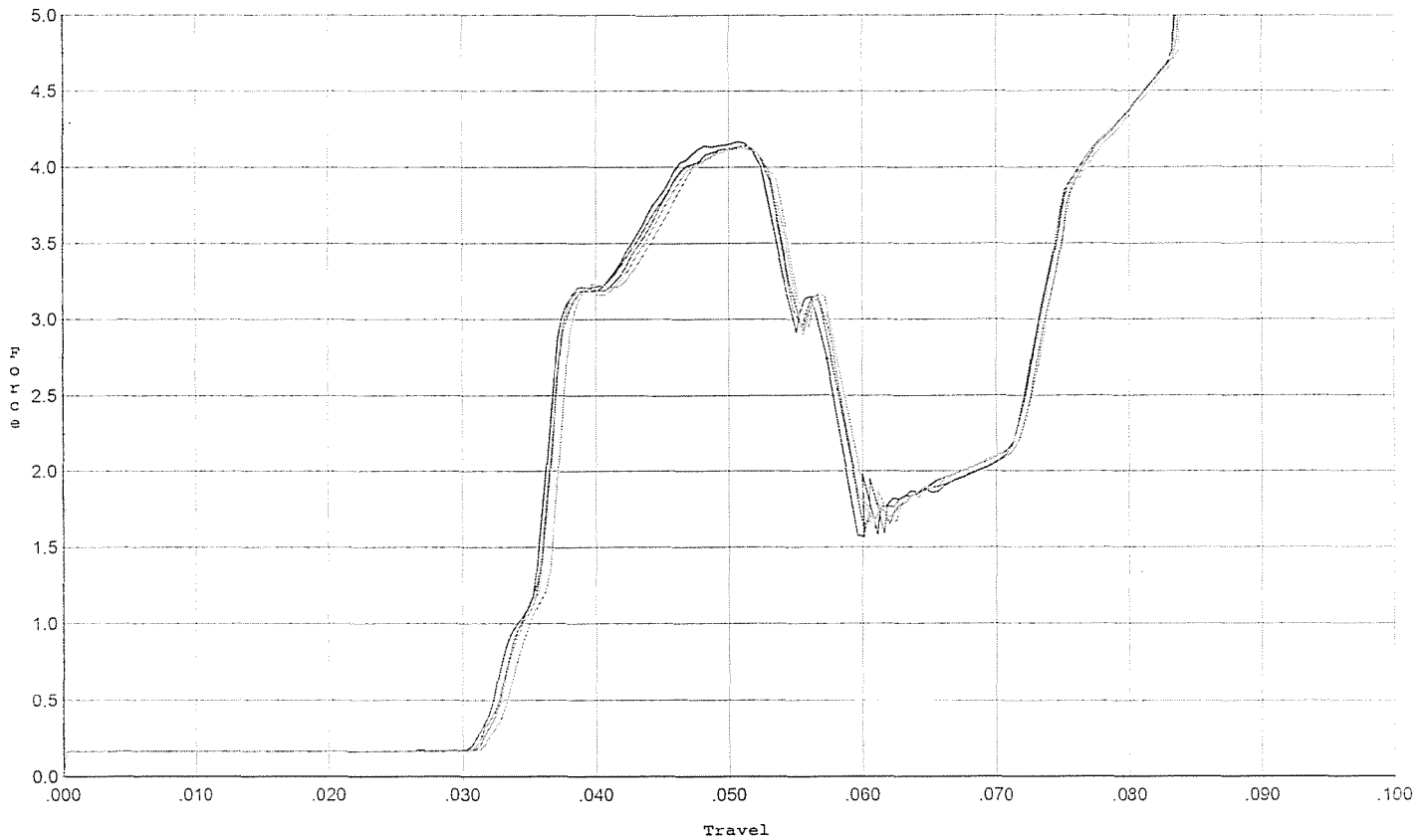
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.554	0.057	0.034	0.034	0.049		Set Trigger
2	2.538	0.057	0.033	0.034	0.049		Set Trigger
3	2.545	0.056	0.034	0.034	0.048		Set Trigger
4	2.549	0.056	0.034	0.035	0.048		Set Trigger
5	2.555	0.057	0.035	0.035	0.047		Set Trigger

Avg 2.54

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R.Putch 8/13/07

Model: M/24
 Serial No: Form #F005
 Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.140	0.058	0.032	0.031	0.086		Set Trigger
2	4.166	0.057	0.031	0.031	0.085		Set Trigger
3	4.142	0.058	0.032	0.031	0.085		Set Trigger
4	4.145	0.057	0.032	0.031	0.084		Set Trigger
5	4.137	0.059	0.032	0.031	0.085		Set Trigger

AVG 4.14

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6677042.___0
FILE DATE AND TIME: 08/27/2007 05:07

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

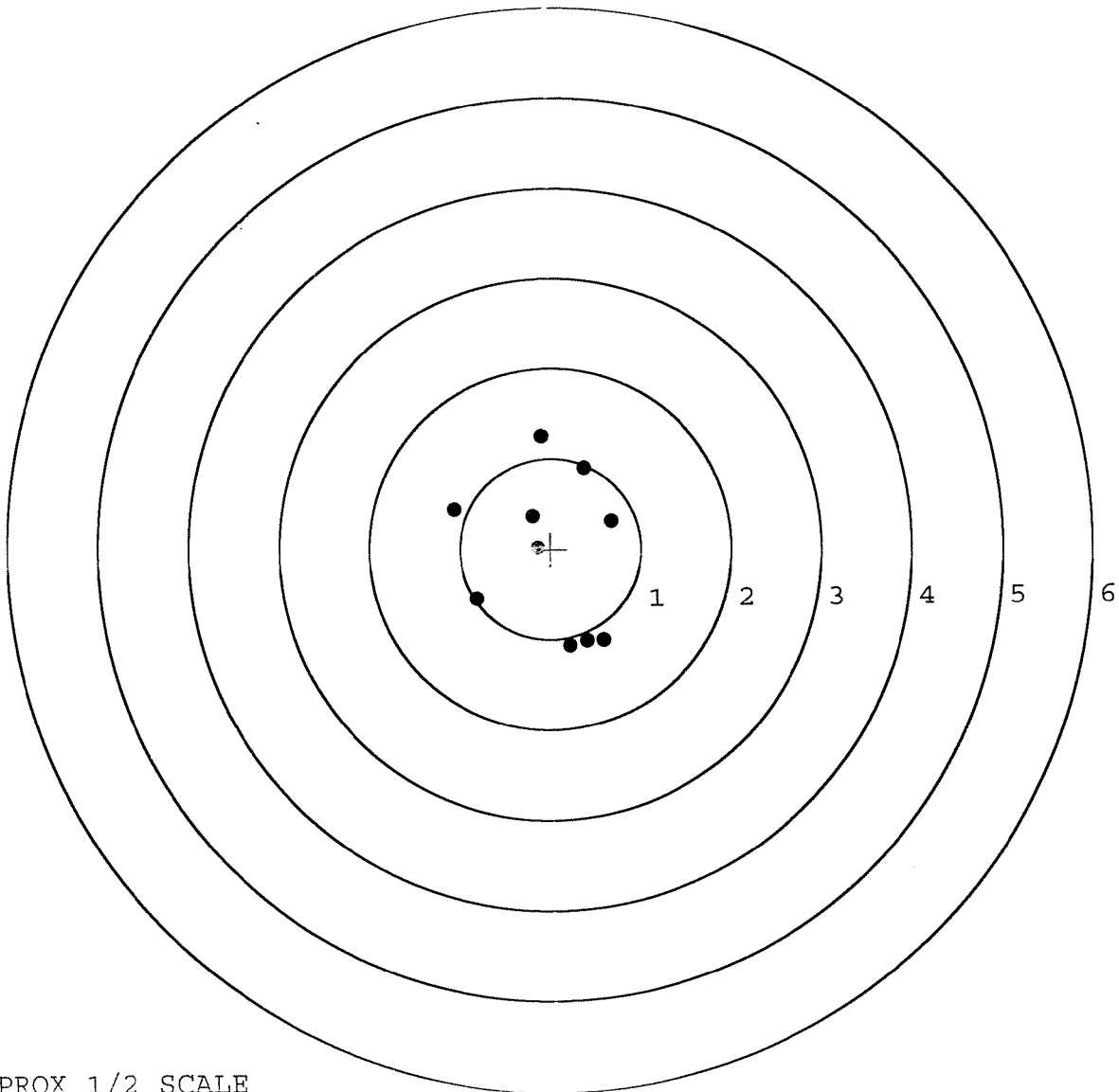
The Average X Centroid of the Five Target Set:	-0.017
The Average Y Centroid of the Five Target Set:	0.040
The Average Point of Impact of the Five Target Set:	0.044
The Average Mean Radius of the Five Target Set:	0.806
The Distance from POA to Centroid Target #1:	0.041
The Distance from Centroid Target #2 to Centroid Target #1:	0.188
The Distance from Centroid Target #3 to Centroid Target #1:	0.154
The Distance from Centroid Target #4 to Centroid Target #1:	0.132
The Distance from Centroid Target #5 to Centroid Target #1:	0.120

BARBER - M24 0173907

SERIAL NUMBER: G6677042. __0
TARGET NUMBER: 1
FILE DATE: 08/27/2007
FILE TIME: 05:07

X CENTROID: -0.006
Y CENTROID: -0.041
POA TO CENTROID: 0.041
HORZ SPREAD: 1.738
VERT SPREAD: 2.317
GROUP SPREAD: 2.354
MIN RADIUS: 0.151
MAX RADIUS: 1.284
MEAN RADIUS: 0.904
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.584	-1.014
2:	0.403	-1.025
3:	0.210	-1.077
4:	-0.820	-0.548
5:	-0.146	0.018
6:	-0.199	0.360
7:	0.677	0.304
8:	0.384	0.893
9:	-0.096	1.240
10:	-1.061	0.442



TARGET APPROX 1/2 SCALE

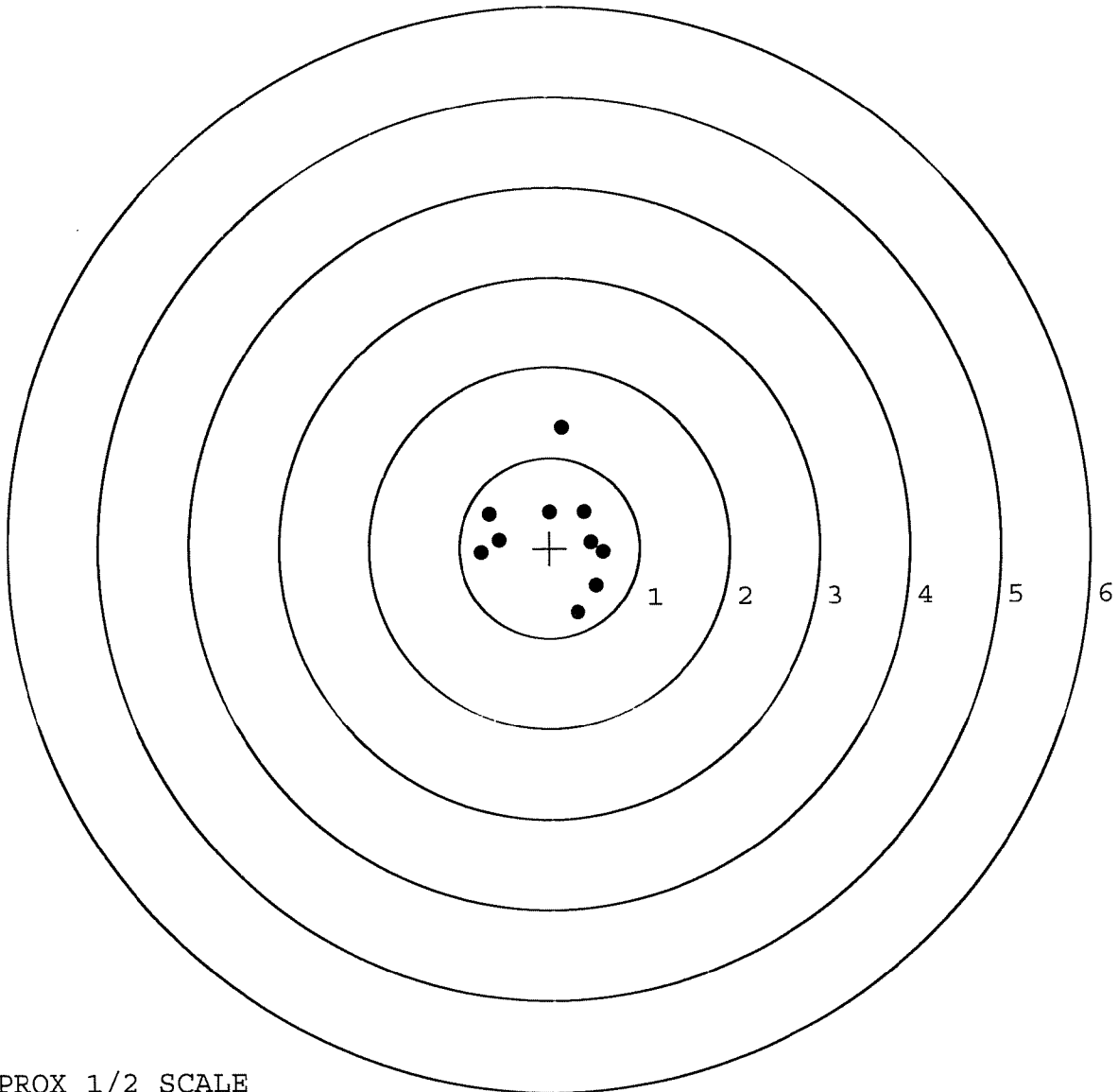
BARBER - M24 0173908

SERIAL NUMBER: G6677042. __0
TARGET NUMBER: 2
FILE DATE: 08/27/2007
FILE TIME: 05:07

X CENTROID: 0.044
Y CENTROID: 0.141
POA TO CENTROID: 0.148
HORZ SPREAD: 1.349
VERT SPREAD: 2.056
GROUP SPREAD: 2.063
MIN RADIUS: 0.258
MAX RADIUS: 1.195
MEAN RADIUS: 0.670

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.145	1.332
2:	-0.664	0.375
3:	-0.556	0.090
4:	-0.755	-0.050
5:	-0.001	0.395
6:	0.389	0.396
7:	0.464	0.066
8:	0.594	-0.047
9:	0.515	-0.425
10:	0.311	-0.724



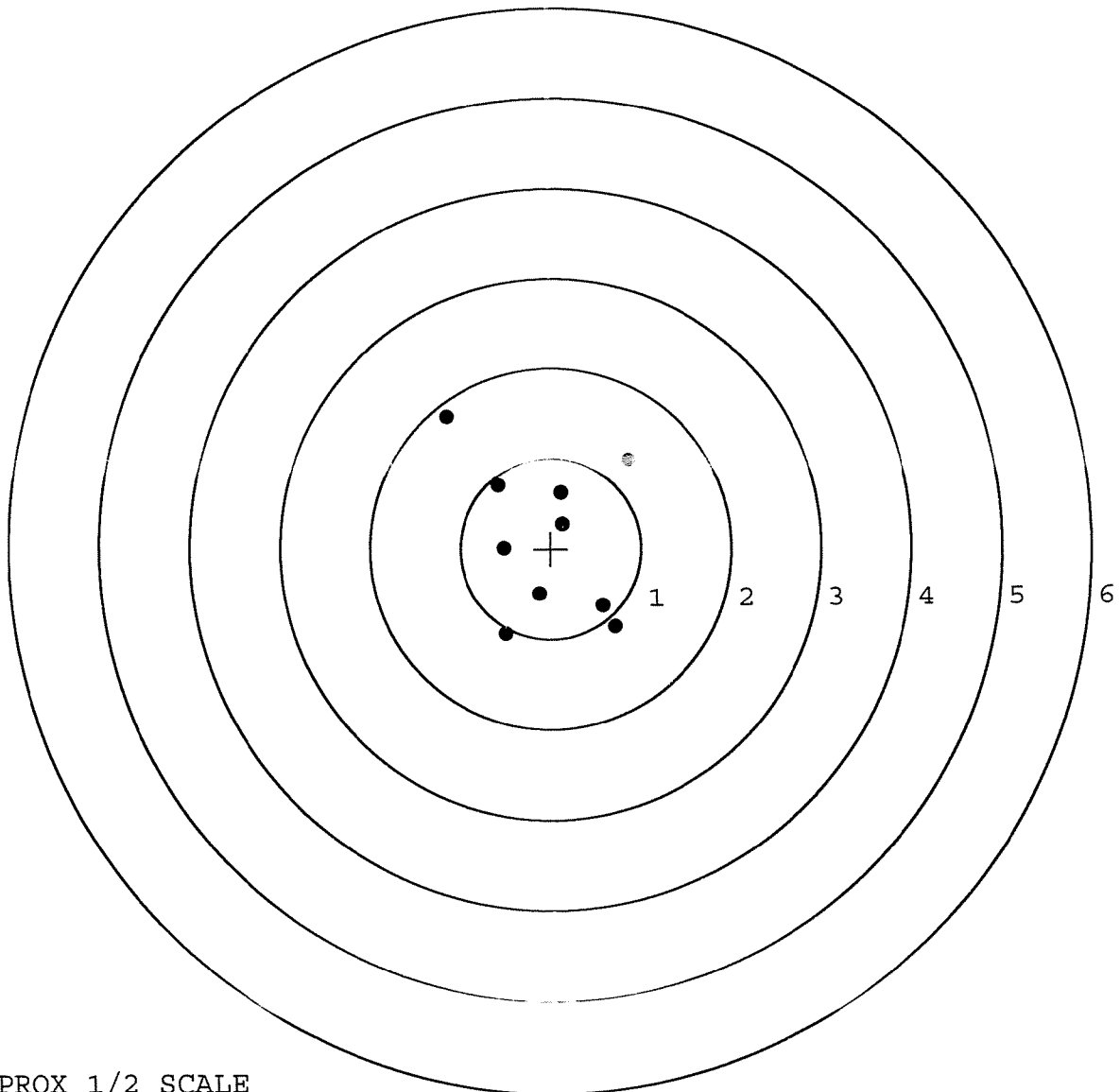
TARGET APPROX 1/2 SCALE

BARBER - M24 0173909

SERIAL NUMBER: G6677042. __0
TARGET NUMBER: 3
FILE DATE: 08/27/2007
FILE TIME: 05:07

X CENTROID: -0.047
Y CENTROID: 0.108
POA TO CENTROID: 0.118
HORZ SPREAD: 2.010
VERT SPREAD: 2.409
GROUP SPREAD: 2.980
MIN RADIUS: 0.240
MAX RADIUS: 1.743
MEAN RADIUS: 0.904
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.368	0.978
2:	-0.577	0.701
3:	-1.142	1.464
4:	-0.519	0.009
5:	-0.129	-0.505
6:	-0.506	-0.945
7:	0.711	-0.870
8:	0.579	-0.639
9:	0.130	0.270
10:	0.119	0.617



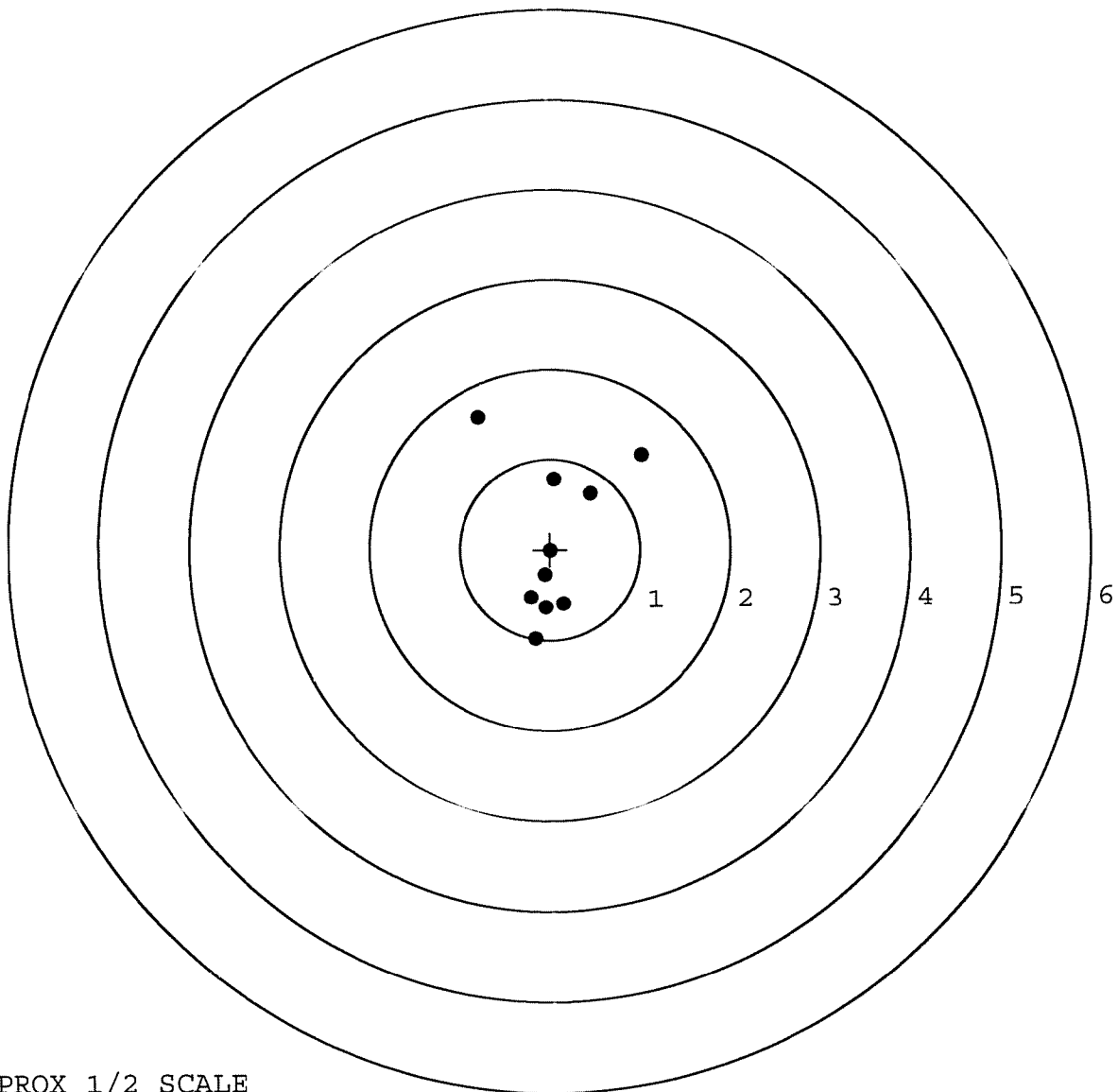
TARGET APPROX 1/2 SCALE

BARBER - M24 0173910

SERIAL NUMBER: G6677042. __0
TARGET NUMBER: 4
FILE DATE: 08/27/2007
FILE TIME: 05:07

X CENTROID: 0.039
Y CENTROID: 0.083
POA TO CENTROID: 0.091
HORZ SPREAD: 1.808
VERT SPREAD: 2.455
GROUP SPREAD: 2.532
MIN RADIUS: 0.104
MAX RADIUS: 1.612
MEAN RADIUS: 0.801
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.022	1.034
2:	0.457	0.616
3:	0.053	0.774
4:	-0.786	1.467
5:	0.003	-0.015
6:	-0.061	-0.283
7:	-0.219	-0.527
8:	0.144	-0.606
9:	-0.167	-0.988
10:	-0.055	-0.645



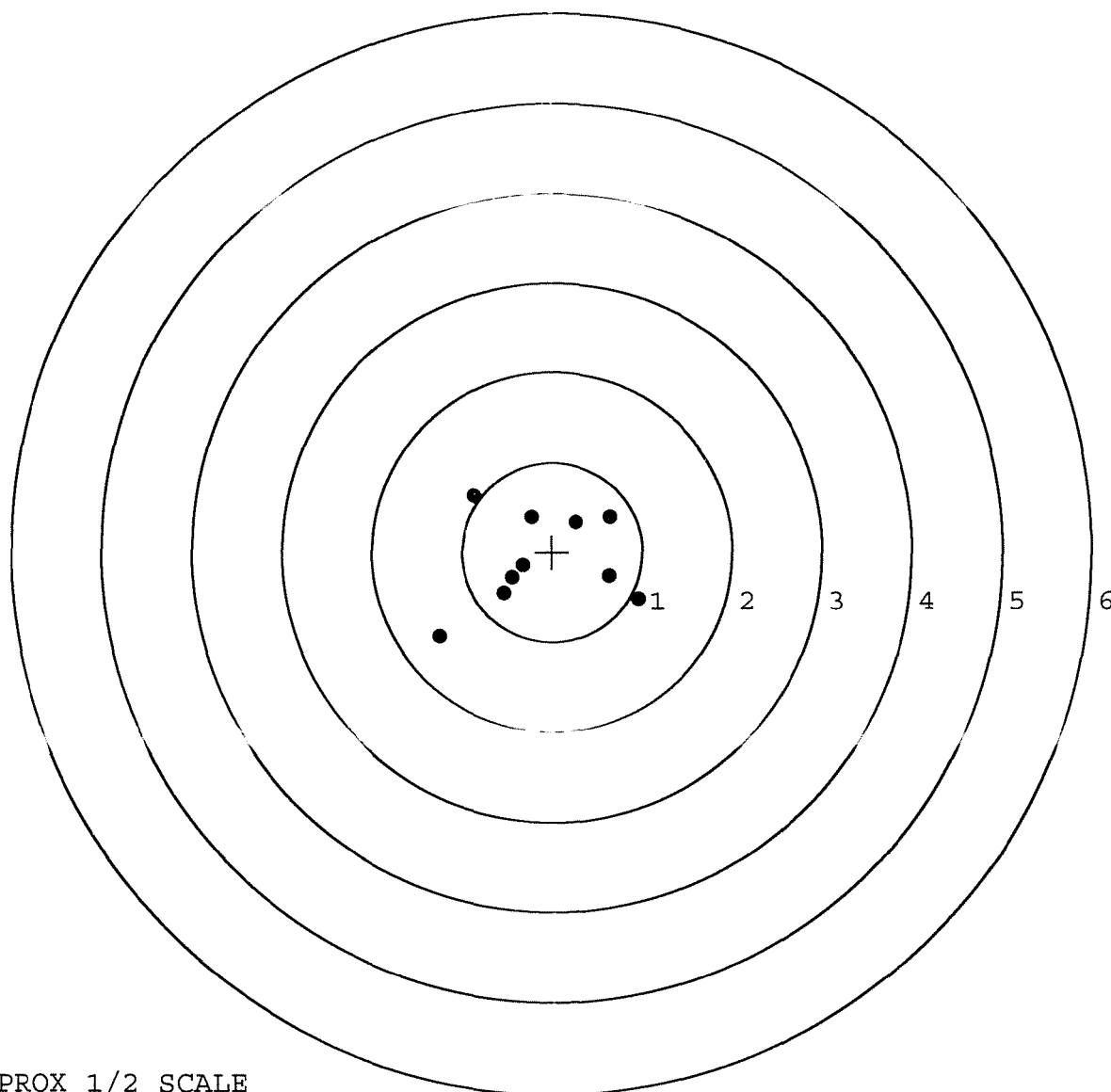
TARGET APPROX 1/2 SCALE

BARBER - M24 0173911

SERIAL NUMBER: G6677042. 0
TARGET NUMBER: 5
FILE DATE: 08/27/2007
FILE TIME: 05:07

X CENTROID: -0.116
Y CENTROID: -0.089
POA TO CENTROID: 0.146
HORZ SPREAD: 2.218
VERT SPREAD: 1.573
GROUP SPREAD: 2.324
MIN RADIUS: 0.218
MAX RADIUS: 1.425
MEAN RADIUS: 0.752
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.959	-0.530
2:	0.634	-0.272
3:	0.645	0.392
4:	0.263	0.327
5:	-0.229	0.390
6:	-0.865	0.632
7:	-0.326	-0.148
8:	-0.444	-0.281
9:	-0.540	-0.460
10:	-1.259	-0.941



TARGET APPROX 1/2 SCALE